

Fig. 1

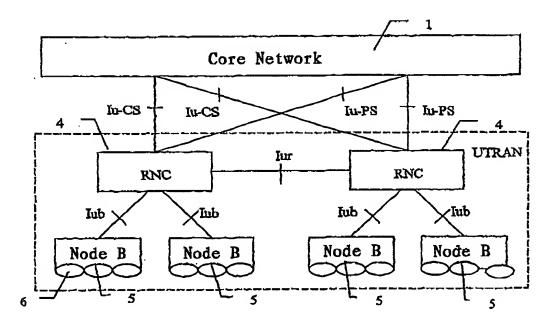


Fig. 2

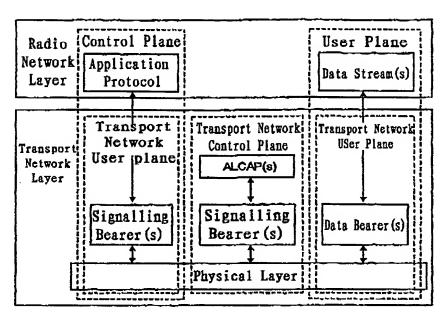


Fig. 3

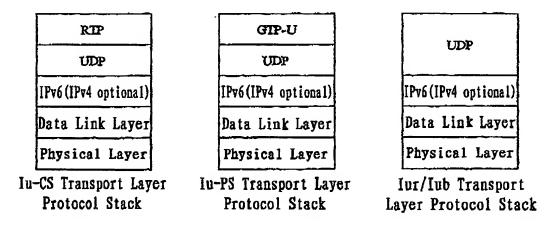


Fig. 4

NBAP	RANAP/RNSAP
	SCCP
SCTP	MBUA
	SCTP
IPv6(IPv4 optional)	IPv6(IPv4 optional)
Data Link Layer	Data Link Layer
Physical Layer	Physical Layer
Iub interface Control Plane Protocol Stack	Iu/Iur interface Control Plane Protocol Stack

Fig. 5

PHB Class BE		DSCP 000000 (0)		
	AF <sub>1y</sub>	001010 (10)	001100 (12)	001110 (14)
AF	AF <sub>2y</sub>	010010 (18)	010100 (20)	010110 (22)
	AF <sub>3y</sub>	011010 (26)	011100 (28)	011110 (30)
	AF <sub>4y</sub>	100010 (34)	100100 (36)	100110 (38)
I	F		101110 (46)	

Fig. 6

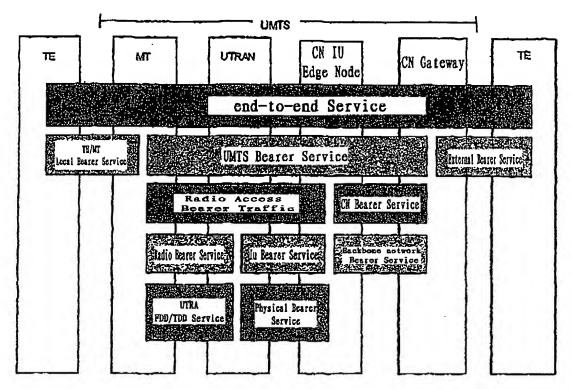


Fig. 7

Class of Services in UMTS	Conversational Class	Streaming Class	Interactive Class	Background Class
Maximum Bit Rate	X	Х	Х	x
Delivery Order	x	X	X	X
Maximum SDU Size	x	X	X	X
SDU Format Information	х	Х	_	-
SDU Error Ratio	X	Х	Х	X
Residual Bit Error Ratio	X	Х	X	X
Delivery of Erroneous SDUs	X	X	Х	X
Transfer Delay	X	X	_	
Guaranteed Bit Rate	X	Х		
Traffic Handling Priority		~	Х	
Allocation/Retention Priority	Х	X	Х	X
Note: "X"ropresents the att				

Fig. 8

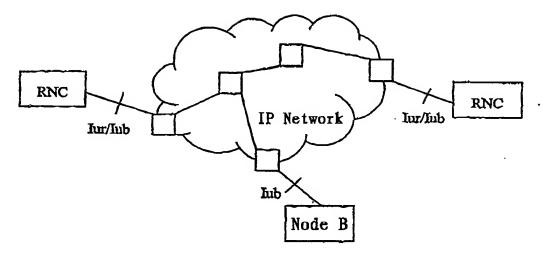


Fig. 9

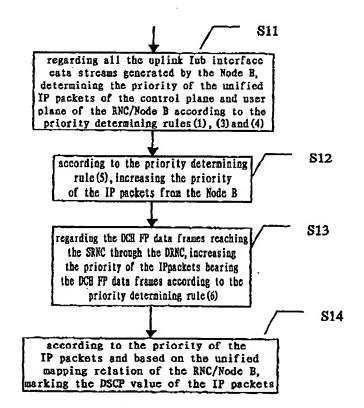


Fig. 10a

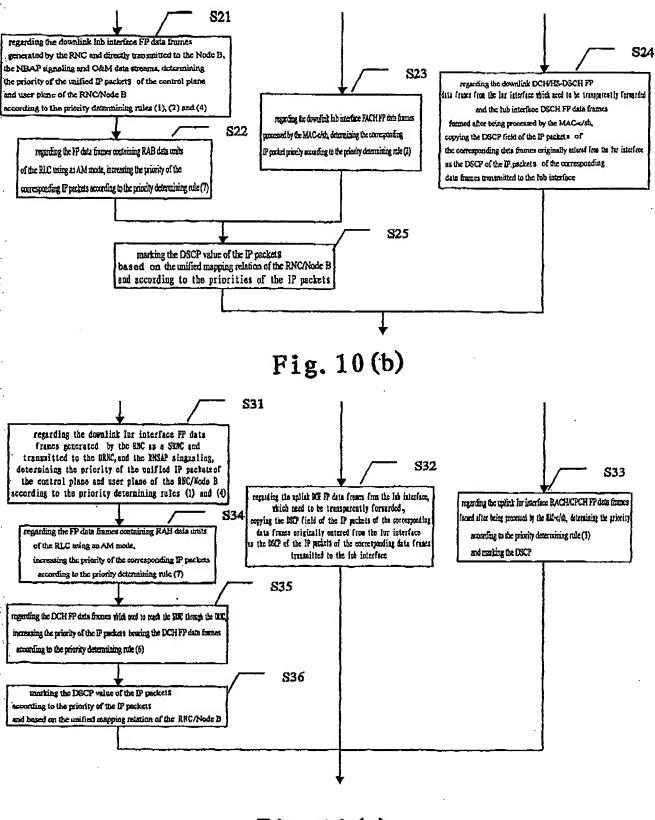


Fig. 10(c)

Class of data streams	Priority	PHB Class of DiffServ
Control Plane Radio Application Protocol data Streams (RNSAP/NBAP)	10	EP
Conversational-Class Service	9	BF .
Streaming-Class Service	8, 7, 6	AF <sub>11</sub> , AF <sub>12</sub> , AF <sub>13</sub>
Interactive_Class Service	5, 4, 3	AF <sub>21</sub> , AF <sub>22</sub> , AF <sub>23</sub>
Background-Class Service	2	BB
0&M data Stream	1	BB

Fig. 11

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